IN THE CLAIMS:

Please amend the claims as shown in the following complete claim set for this application. This listing of claims will replace all prior claims in the application:

1.   **(Currently Amended)** A method of providing vehicle diagnostic function within a mobile vehicle communication system, comprising:

configuring a primary diagnostic script for a telematics equipped mobile vehicle wherein the primary diagnostic script recreates known problem sequences when executed;

providing the primary diagnostic script to the mobile vehicle;

executing the primary diagnostic script; and

~~collecting~~ storing diagnostic data based on the executed primary diagnostic script **such that the stored diagnostic data is made available for analysis**.

2.   **(Currently Amended)** The method of claim 1, further comprising:

analyzing the ~~collected~~ stored diagnostic data.

3.   **(Original)** The method of claim 1, further comprising:

initiating the automated vehicle diagnostic function.

4.   **(Original)** The method of claim 3, wherein initiating the automated vehicle diagnostic function comprises:

receiving a request for automated vehicle diagnostic function from a user interface; and

identifying diagnostic routines based on the received request.

5.   **(Original)** The method of claim 1, wherein configuring the primary diagnostic script comprises:

determining at least one diagnostic script based on diagnostic options; and

retrieving the at least one determined diagnostic script, wherein one or more diagnostic scripts are combined into the primary diagnostic script.

6.   **(Cancelled)**

7.   **(Original)** The method of claim 1, wherein the primary diagnostic script triggers data capture when specific conditions exist.

8.   **(Currently Amended)**   The method of claim 1, wherein ~~collecting~~ **storing** diagnostic data based on the executed primary diagnostic script comprises:

receiving diagnostic data from vehicle system modules; and

storing the received diagnostic data.

9.   **(Original)** The method of claim 1, wherein the diagnostic data is selected from the group consisting of: diagnostic trouble codes.

10.-18. **(Cancelled)**

19.   **(Original)** A system for providing automated vehicle diagnostic functions, the system comprising:

means for configuring a primary diagnostic script for a telematics equipped mobile vehicle wherein the primary diagnostic script recreates known problem sequences when executed;

means for providing the primary diagnostic script to the mobile vehicle;

means for executing the primary diagnostic script; and

means for collecting diagnostic data based on the executed primary diagnostic script.

20.   **(New)** A method of providing vehicle diagnostic function within a mobile vehicle communication system, comprising:

determining a primary diagnostic script for a telematics equipped mobile vehicle wherein the primary diagnostic script includes a plurality of diagnostics scripts that are determined based on diagnostic options;

providing the primary diagnostic script to the mobile vehicle;

executing the primary diagnostic script; and

storing diagnostic data based on the executed primary diagnostic script such that the stored diagnostic data is made available for analysis.

21.   **(New)** The method of claim 20, further comprising:

analyzing the stored diagnostic data.

22.   **(New)** The method of claim 20, further comprising:

initiating the automated vehicle diagnostic function.

23.   **(New)** The method of claim 22, wherein initiating the automated vehicle diagnostic function comprises:

receiving a request for automated vehicle diagnostic function from a user interface; and

identifying diagnostic routines based on the received request.

24.   **(New)** The method of claim 20, wherein the primary diagnostic script triggers data capture when specific conditions exist.

25.   **(New)** The method of claim 20, wherein storing diagnostic data based on the executed primary diagnostic script comprises:

receiving diagnostic data from vehicle system modules; and

storing the received diagnostic data.

26.   **(New)** The method of claim 20, wherein the diagnostic data is selected from the group consisting of: diagnostic trouble codes.